

15992 U.S. PTO
033004

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March 30, 2004

ATTORNEY DOCKET NO.: INTEL1510 (P18520)

00746 U.S. PTO
10/814695

033004

ATTN: Mail Stop PATENT APPLICATION
COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is a new original patent application of:

APPLICANT(S): Tae-Woong Koo, Selena Chan, Xing Su, Jingwu Zhang, Lei Sun

TITLE: SURFACE MODIFICATION OF METALS FOR BIOMOLECULE
DETECTION USING SURFACE ENHANCED RAMAN
SCATTERING (SERS)

Enclosed are the following papers, including all those required to receive a filing date under
37 CFR § 1.53(b):

	<u>Number of Pages</u>
Specification	17
Claims	6
Abstract	1
Drawing(s)	3

EXPRESS MAIL Number: EV 318741641 US
Date of Deposit: March 30, 2004

I hereby certify that this paper is being deposited with the United States Postal
Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10
on the date indicated above and is addressed to: Attn: Mail Stop PATENT
APPLICATION, COMMISSIONER FOR PATENTS, P. O. BOX 1450, Alexandria,
VA 22313-1450.

Greg Austin
(Name of Individual Depositing with P.O.)

(Signature of Individual Depositing with P.O.)

Gregory P. Austin

SILICON VALLEY SAN DIEGO SAN FRANCISCO AUSTIN SEATTLE SACRAMENTO LA JOLLA WASHINGTON, DC

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Enclosure(s):

- Initial Information Data Sheet (4 pages);
- Unsigned Declaration and Power of Attorney for Patent Application (7 pages); and
- Return Receipt Postcard.
- Check No. 556755 in the amount of \$1582.00.

Applicant(s) claim **LARGE ENTITY status** in the above-identified application.]

The filing fee is calculated as follows:

	Number Filed		Number Extra		Rate			Fee	
					Large Entity	Small Entity		Large Entity	Small Entity
Total Claims	46-20	=	26	X	\$18	\$ 9	=	\$ 468.00	\$
Independent Claims	7-3	=	4	X	\$86	\$43	=	\$ 344.00	\$
Multiple Dependent Claims Presented: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					290.00\$	\$145.00		\$ 0.00	\$
					BASIC FEE			\$ 770.00	\$385.00
					TOTAL FEE			\$1,582.00	\$

Check No. 556755 is enclosed as payment of the **FILING FEE**. The Commissioner is hereby authorized to apply any other required fees or any credits to Deposit Account No. 50-1355, referencing the Attorney Docket number shown above. A copy of this transmittal letter is attached.

If this application is found to be **INCOMPLETE**, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

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Kindly acknowledge receipt of this application by returning the enclosed postcard.

All future correspondence should be addressed to:

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Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP



Lisa A. Haile, J.D., Ph.D.

Registration No. 38,347

March 30, 2004

Date

LAH/cag

Enclosures